BRUHATH BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE SHETTYHALLI SUB DIVISION WARD NO 12

EMB

Name of Work:Improvements to roads and other works in Abbigere Pashchimcounty and Surrounding area in ward no 12 Shettyhally

Sl No	Description of Work	No	Length	B1	B2	Avg B	Depth	Quantity	Unit
1	Removing & Refixing stone slabs of drains and pointing in C.M etc, complete as per specifications and as per the direction of Engineer-in-charge of the work.								
	Main road 1st Cross to 2nd Cross	2	24.00			1.20		57.60	
	Main road 2ndCross to 3rd Cross	2	24.00			1.20		57.60	
	Main road 3rd Cross to 4th Cross	2	24.00			1.20		57.60	
	Main road 4th Cross to 5th Cross	2	24.00			1.20		57.60	
	Main road 5th Cross to 6th Cross	2	24.00			1.20		57.60	
	Main road 6th Cross to dead end	2	24.00			1.20		57.60	
	2nd Cross North Ch: 0.00 to 30.00	2	30.00			1.20		72.00	
	2nd Cross North Ch: 30.00 to 50.40	1	20.40			1.20		24.48	
	2nd Cross South Chainage Ch: 0.00 to 30.00	2	30.00			1.20		72.00	
	2nd Cross South Chainage Ch: 30.00 to 60.00	2	30.00			1.20		72.00	
	2nd Cross South Chainage Ch: 60.00 to 90.00	2	30.00			1.20		72.00	
	2nd Cross South Chainage Ch: 90.00 to 97.00	2	7.00			1.20		16.80	
	3rd Cross North Ch: 0.00 to 27.20	2	27.20			1.20		65.28	
	3rd Cross South Ch: 0.00 to 30.00	2	30.00			1.20		72.00	
	3rd Cross South Ch: 30.00 to 60.00	2	30.00			1.20		72.00	
	3rd Cross South Ch: 60.00 to 87.20	2	27.20			1.20		65.28	
	4th Cross North Ch: 0.00 to 26.30	2	26.30			1.20		63.12	
	4th Cross South Ch: 0.00 to 30.00	2	30.00			1.20		72.00	
	4th Cross South Ch: 30.00 to 60.00	2	30.00			1.20		72.00	
	4th Cross South Ch: 60.00 to 73.00	2	13.00			1.20		31.20	
	5th Cross North Ch: 0.00 to 22.40	2	22.40			1.20		53.76	
	5th Cross South Ch: 0.00 to 30.00	2	30.00			1.20		72.00	
	5th Cross South Ch: 30.00 to 58.00	2	28.00			1.20		67.20	
								1380.72	**Sqm**
							Qty Limited to	**1297.80**	**Sqm**

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

2	Scarifying by manual means stone metal crust 50mm to 100mm thick along with premix carpet / surface dressing and stacking of old serviceable materials including cost of all labour charges complete as per the specification & as per direction of Engineer-in-charge of the work								
	Main road Ch: 0.00 to 30.00	1	30.00	5.50	5.50	5.50		165.00	
	Main road Ch: 30.00 to 60.00	1	30.00	5.50	5.50	5.50		165.00	
	Main road Ch: 60.00 to 90.00	1	30.00	5.50	5.50	5.50		165.00	
	Main road Ch: 90.00 to 120.00	1	30.00	5.50	5.50	5.50		165.00	
	Main road Ch: 120.00 to 150.00	1	30.00	5.50	5.50	5.50		165.00	
	Main road Ch: 150.00 to 180.00	1	30.00	5.50	5.50	5.50		165.00	
	Main road Ch: 180.00 to 196.00	1	16.00	5.50	5.50	5.50		88.00	
	1st Cross Ch: 0.00 to 30.00	1	30.00	5.50	5.50	5.50		165.00	
	1st Cross Ch: 30.00 to 60.00	1	30.00	5.50	5.50	5.50		165.00	
	1st Cross Ch: 60.00 to 90.00	1	30.00	5.50	5.50	5.50		165.00	
	1st Cross Ch: 90.00 to 120.00	1	30.00	5.50	5.50	5.50		165.00	

1st Cross Ch: 120.00 to 150.00	1	30.00	5.50	5.50	5.50		165.00	
1st Cross Ch: 150.00 to 180.00	1	30.00	5.50	5.50	5.50		165.00	
t Cross Ch: 180.00 to 181.00	1	1.00	5.50	5.50	5.50		5.50	
2nd Cross North Ch: 0.00 to 30.00	1	30.00	5.50	5.50	5.50		165.00	
2nd Cross North Ch: 30.00 to 53.00	1	22.40	5.50	5.50	5.50		123.20	
2nd Cross South Ch: 0.00 to 30.00	1	30.00	5.50	5.50	5.50		165.00	
2nd Cross South Ch: 30.00 to 60.00	1	30.00	5.50	5.50	5.50		165.00	
2nd Cross South Ch: 60.00 to 90.00	1	30.00	5.50	5.50	5.50		165.00	
2nd Cross South Ch: 90.00 to 102.4	1	12.40	5.50	5.50	5.50		68.20	
3rd Cross North Ch: 0.00 to 29.20	1	29.20	5.50	5.50	5.50		160.60	
3rd Cross South Ch: 0.00 to 30.00	1	30.00	5.50	5.50	5.50		165.00	
3rd Cross South Ch: 30.00 to 60.00	1	30.00	5.50	5.50	5.50		165.00	
3rd Cross South Ch: 60.00 to 90.10	1	30.10	5.50	5.50	5.50		165.55	
4th Cross North Ch: 0.00 to 28.50	1	28.50	5.50	5.50	5.50		156.75	
4th Cross South Ch: 0.00 to 30.00	1	30.00	5.50	5.50	5.50		165.00	
4th Cross South Ch: 30.00 to 60.00	1	30.00	5.50	5.50	5.50		165.00	
4th Cross South Ch: 60.00 to 75.00	1	15.00	5.50	5.50	5.50		82.50	
5th Cross North Ch: 0.00 to 24.40	1	24.40	5.50	5.50	5.50		134.20	
5th Cross South Ch: 0.00 to 30.00	1	30.00	5.50	5.50	5.50		165.00	
5th Cross South Ch: 30.00 to 60.00	1	30.00	5.50	5.50	5.50		165.00	
		839.00					**4614.50**	**Cum**
						Qty Limited to	4305.52	**Cum**

Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shettyhalli Sub Division

Continued.....

3	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per the specification & as per direction of Engineer-in-charge of the work							
	UGD & Sanitory Line							
	Main road Ch: 0.00 to 180.00	2x6	30.00			0.90	0.20	64.80
	Main road Ch: 180.00 to 196.00	2x1	16.00			0.90	0.20	5.76
	1st Cross Ch: 0.00 to 180.00	2x6	30.00			0.90	0.20	64.80
	1st Cross Ch: 180.00 to 181.00	2x1	1.00			0.90	0.20	0.36
	2nd Cross North Ch: 0.00 to 30.00	2x1	30.00			0.90	0.20	10.80
	2nd Cross North Ch: 30.00 to53.00	2x1	53.00			0.90	0.20	19.08
	2nd Cross South Ch: 0.00 to 90.00	2x3	30.00			0.90	0.20	32.40
	2nd Cross South Ch: 90.00 to 102.40	2x1	12.40			0.90	0.20	4.46
	3rd Cross North Ch: 0.00 to 29.30	2x1	29.30			0.90	0.20	10.55
	3rd Cross South Ch: 0.00 to 60.00	2x2	30.00			0.90	0.20	21.60
	3rd Cross South Ch: 60.00 to 90.10	2x1	30.10			0.90	0.20	10.84
	4th Cross North Ch: 0.00 to 28.50	2x1	28.50			0.90	0.20	10.26
	4th Cross South Ch: 0.00 to 60.00	2x2	30.00			0.90	0.20	21.60
	4th Cross South Ch: 60.00 to 75.00	2x1	15.00			0.90	0.20	5.40
	5th Cross North Ch: 0.00 to 24.40	2x1	24.40			0.90	0.20	8.78
	5th Cross South Ch: 0.00 to 60.00	2x2	30.00			0.90	0.20	21.60
	For SSM							
	Main road Ch: 0.00 to 180.00	6	30.00			0.40	0.40	28.80
	Main road Ch: 180.00 to 196.00	1	16.00			0.40	0.40	2.56
	1st Cross Ch: 00.00 to 180.00	6	30.00			0.40	0.40	28.80
	1st Cross Ch: 180.00 to 181.00	1	1.00			0.40	0.40	0.16
	2nd Cross North Ch: 0.00 to 30.00	1	30.00			0.40	0.40	4.80
	2nd Cross North Ch: 30.00 to 53.00	1	53.00			0.40	0.40	8.48
	2nd Cross South Ch: 0.00 to 90.00	3	30.00			0.40	0.40	14.40
	2nd Cross South Ch: 90.00 to 102.40	1	12.40			0.40	0.40	1.98

3rd Cross North Ch: 0.00 to 29.30	1	29.30			0.40	0.40	4.69	
3rd Cross South Ch: 0.00 to 30.00	2	30.00			0.40	0.40	9.60	
d Cross South Ch: 60.00 to 90.10	1	30.10			0.40	0.40	4.82	
4th Cross North Ch: 0.00 to 28.30	1	28.50			0.40	0.40	4.56	
4th Cross South Ch: 0.00 to 30.00	2	30.00			0.40	0.40	9.60	
4th Cross South Ch: 60.00 to 75.00	1	15.00			0.40	0.40	2.40	
5th Cross North Ch: 0.00 to 24.40	1	24.40			0.40	0.40	3.90	
5th Cross South Ch: 0.00 to 30.00	2	30.00			0.40	0.40	9.60	
Drain desilting								
Main road Ch: 0.00 to 180.00	6	30.00			0.45	0.40	32.40	
Main road Ch: 180.00 to 196.00	1	16.00			0.45	0.40	2.88	
1st Cross Ch: 0.00 to 30.00	1	30.00			0.45	0.40	5.40	
1st Cross Ch: 30.00 to 180.00	6	30.00			0.45	0.40	32.40	
1st Cross Ch: 180.00 to 181.00	1	1.00			0.45	0.40	0.18	
2nd Cross North Ch: 0.00 to 30.00	1	30.00			0.45	0.40	5.40	
2nd Cross North Ch: 30.00 to 52.40	1	22.40			0.45	0.40	4.03	
2nd Cross South Ch: 0.00 to 90.00	3	30.00			0.45	0.40	16.20	
2nd Cross South Ch: 90.00 to 99.00	1	9.00			0.45	0.40	1.62	
3rd Cross North Ch: 0.00 to 29.20	1	29.20			0.45	0.40	5.26	
3rd Cross South Ch: 0.00 to 30.00	2	30.00			0.45	0.40	10.80	
3rd Cross South Ch: 60.00 to 89.20	1	29.20			0.45	0.40	5.26	
4th Cross North Ch: 0.00 to 28.30	1	28.30			0.45	0.40	5.09	
4th Cross South Ch: 0.00 to 30.00	2	30.00			0.45	0.40	10.80	
4th Cross South Ch: 60.00 to 75.00	1	15.00			0.45	0.40	2.70	
5th Cross North Ch: 0.00 to 24.40	1	24.40			0.45	0.40	4.39	
5th Cross South Ch: 0.00 to 30.00	2	30.00			0.45	0.40	10.80	
6th Cross North Ch: 0.00 to 21.80	1	21.80			0.45	0.40	3.92	
6th Cross South Ch: 0.00 to 30.00	1	30.00			0.45	0.40	5.40	
6th Cross South Ch: 30.00 to 56.00	1	26.00			0.45	0.40	4.68	
3rd Cross North Ch: 0.00 to 29.20	1	29.20			0.45	0.40	5.26	
3rd Cross South Ch: 0.00 to 30.00	1	30.00			0.45	0.40	5.40	
3rd Cross South Ch: 30.00 to 60.00	1	30.00			0.45	0.40	5.40	
3rd Cross South Ch: 60.00 to 89.20	1	29.20			0.45	0.40	5.26	
4th Cross North Ch: 0.00 to 28.30	1	28.30			0.45	0.40	5.09	
4th Cross South Ch: 0.00 to 30.00	1	30.00			0.45	0.40	5.40	
4th Cross South Ch: 30.00 to 60.00	1	30.00			0.45	0.40	5.40	
4th Cross South Ch: 60.00 to 75.00	1	15.00			0.45	0.40	2.70	
5th Cross North Ch: 0.00 to 24.40	1	24.40			0.45	0.40	4.39	
5th Cross South Ch: 0.00 to 30.00	1	30.00			0.45	0.40	5.40	
5th Cross South Ch: 30.00 to 60.00	1	30.00			0.45	0.40	5.40	
							676.96	**Cum**
						Qty Limited to	576.80	Cum

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

4	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per the specification & as per direction of Engineer-in-charge of the work							
	Main road Ch: 0.00 to 30.00	1	30.00			5.50		165.00
	Main road Ch: 30.00 to 60.00	1	30.00			5.50		165.00
	Main road Ch: 60.00 to 90.00	1	30.00			5.50		165.00
	Main road Ch: 90.00 to 120.00	1	30.00			5.50		165.00
	Main road Ch: 120.00 to 150.00	1	30.00			5.50		165.00
	Main road Ch: 150.00 to 180.00	1	30.00			5.50		165.00
	Main road Ch: 180.00 to 196.00	1	16.00			5.50		88.00
	1st Cross Ch: 0.00 to 30.00	1	30.00			5.50		165.00
	1st Cross Ch: 30.00 to 60.00	1	30.00			5.50		165.00

1st Cross Ch: 60.00 to 90.00	1	30.00			5.50		165.00	
1st Cross Ch: 90.00 to 120.00	1	30.00			5.50		165.00	
1st Cross Ch: 120.00 to 150.00	1	30.00			5.50		165.00	
1st Cross Ch: 150.00 to 180.00	1	30.00			5.50		165.00	
1st Cross Ch: 180.00 to 181.00	1	1.00			5.50		5.50	
2nd Cross North Ch: 0.00 to 30.00	1	30.00			5.50		165.00	
2nd Cross North Ch: 30.00 to 53.00	1	23.00			5.50		126.50	
2nd Cross South Ch: 0.00 to 30.00	1	30.00			5.50		165.00	
2nd Cross South Ch: 30.00 to 60.00	1	30.00			5.50		165.00	
2nd Cross South Ch: 60.00 to 90.00	1	30.00			5.50		165.00	
2nd Cross South Ch: 90.00 to 99.00	1	9.00			5.50		49.50	
3rd Cross North Ch: 0.00 to 29.20	1	29.20			5.50		160.60	
3rd Cross South Ch: 0.00 to 30.00	1	30.00			5.50		165.00	
3rd Cross South Ch: 30.00 to 60.00	1	30.00			5.50		165.00	
3rd Cross South Ch: 60.00 to 89.20	1	29.20			5.50		160.60	
4th Cross North Ch: 0.00 to 28.30	1	28.30			5.50		155.65	
4th Cross South Ch: 0.00 to 30.00	1	30.00			5.50		165.00	
4th Cross South Ch: 30.00 to 60.00	1	30.00			5.50		165.00	
4th Cross South Ch: 60.00 to 75.00	1	15.00			5.50		82.50	
5th Cross North Ch: 0.00 to 24.40	1	24.40			5.50		134.20	
5th Cross South Ch: 0.00 to 30.00	1	30.00			5.50		165.00	
5th Cross South Ch: 30.00 to 60.00	1	30.00			5.50		165.00	
							4593.05	Sqm
					Qty Limited to		4305.50	Sqm

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division 7.3.22

Continued.....

5	Stone Dust/Grit 4.75 mm to 0.075 mm etc., Complete work has to be carried out according to the Directions of Engineer in charge of work complete as per the specification & as per direction of Engineer-in-charge of the work.								
	UGD & Sanitory Line								
	Main road Ch: 0.00 to 180.00	2x6	30.00			0.90	0.10	32.40	
	Main road Ch: 180.00 to 196.00	2x1	16.00			0.90	0.10	2.88	
	1st Cross Ch: 0.00 to 180.00	2x6	30.00			0.90	0.10	32.40	
	1st Cross Ch: 180.00 to 181.00	2x1	1.00			0.90	0.10	0.18	
	2nd Cross North Ch: 0.00 to 30.00	2x1	30.00			0.90	0.10	5.40	
	2nd Cross North Ch: 30.00 to 53.00	2x1	23.00			0.90	0.10	4.14	
	2nd Cross South Ch: 0.00 to 90.00	2x3	30.00			0.90	0.10	16.20	
	2nd Cross South Ch: 90.00 to 99.00	2x1	9.00			0.90	0.10	1.62	
	3rd Cross North Ch: 0.00 to 29.20	2x1	29.20			0.90	0.10	5.26	
	3rd Cross South Ch: 0.00 to 60.00	2x2	30.00			0.90	0.10	10.80	
	3rd Cross South Ch: 60.00 to 89.20	2x1	29.20			0.90	0.10	5.26	
	4th Cross North Ch: 0.00 to 28.30	2x1	28.30			0.90	0.10	5.09	
	4th Cross South Ch: 0.00 to 60.00	2x2	30.00			0.90	0.10	10.80	
	4th Cross South Ch: 60.00 to 75.00	2x1	15.00			0.90	0.10	2.70	
	5th Cross North Ch: 0.00 to 24.40	2x1	24.40			0.90	0.10	4.39	
	5th Cross South Ch: 0.00 to 60.00	2x2	30.00			0.90	0.10	10.80	
								150.32	Cum
						Qty Limited to		144.2	Cum

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division 9.3.22

Continued.....

Providing and constructing granite I trap / basalt size stone masonry in foundation with cement mortar & stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, HOM, curing complete as per the specification & as per direction of Engineer-in-charge of the work									
Main road 1st Cross to 2nd Cross		2	24.00			0.40	0.40	7.68	
Main road 2ndCross to 3rd Cross		2	24.00			0.40	0.40	7.68	
Main road 3rd Cross to 4th Cross		2	24.00			0.40	0.40	7.68	
Main road 4th Cross to 5th Cross		2	24.00			0.40	0.40	7.68	
Main road 5th Cross to 6th Cross		2	24.00			0.40	0.40	7.68	
Main road 6th Cross to dead end		2	24.00			0.40	0.40	7.68	
2nd Cross North Ch: 0.00 to 30.00		2	30.00			0.40	0.40	9.60	
2nd Cross North Ch: 30.00 to 50.40		1	20.40			0.40	0.40	3.26	
2nd Cross North Ch: 30.00 to 46.50		1	16.50			0.40	0.40	2.64	
2nd Cross South Ch: 0.00 to 30.00		2	30.00			0.40	0.40	9.60	
2nd Cross South Ch: 30.00 to 60.00		2	30.00			0.40	0.40	9.60	
2nd Cross South Ch: 60.00 to 90.00		2	30.00			0.40	0.40	9.60	
2nd Cross South Ch: 90.00 to 97.00		2	7.00			0.40	0.40	2.24	
3rd Cross North Ch: 0.00 to 27.20		2	27.20			0.40	0.40	8.70	
3rd Cross South Ch: 0.00 to 30.00		2	30.00			0.40	0.40	9.60	
3rd Cross South Ch: 30.00 to 60.00		2	30.00			0.40	0.40	9.60	
3rd Cross South Ch: 60.00 to 87.20		2	27.20			0.40	0.40	8.70	
4th Cross North Ch: 0.00 to 26.30		2	26.30			0.40	0.40	8.42	
4th Cross South Ch: 0.00 to 30.00		2	30.00			0.40	0.40	9.60	
4th Cross South Ch: 30.00 to 60.00		2	30.00			0.40	0.40	9.60	
4th Cross South Ch: 60.00 to 73.00		2	13.00			0.40	0.40	4.16	
5th Cross North Ch: 0.00 to 22.40		2	22.40			0.40	0.40	7.17	
5th Cross South Ch: 0.00 to 30.00		2	30.00			0.40	0.40	9.60	
5th Cross South Ch: 30.00 to 58.00		2	28.00			0.40	0.40	8.96	
6th Cross North Ch: 0.00 to 21.80		2	21.80			0.40	0.40	6.98	
6th Cross South Ch: 0.00 to 30.00		2	30.00			0.40	0.40	9.60	
6th Cross South Ch: 30.00 to 54.00		2	24.00			0.40	0.40	7.68	
2nd Cross Culvet wall		2	8.20			0.40	0.80	5.25	
3rd Cross Culvet wall		2	8.20			0.40	0.80	5.25	
4th Cross Culvet wall		2	8.20			0.40	0.80	5.25	
5th Cross Culvet wall		2	8.20			0.40	0.80	5.25	
6th Cross Culvet wall		2	8.20			0.40	0.80	5.25	
								237.23	**Cum**
						Qty Limited to		230.72	Cum

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division 15.3.21

Continued.....

6	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. complete as per the specification & as per direction of Engineer-in-charge of the work								
	UGD & Sanitory Line								
	Main road Ch: 0.00 to 180.00	2x6	30.00			0.90	0.10	32.40	
	Main road Ch: 180.00 to 196.00	2x1	16.00			0.90	0.10	2.88	
	1st Cross Ch: 0.00 to 180.00	2x6	30.00			0.90	0.10	32.40	
	1st Cross Ch: 180.00 to 181.00	2x1	1.00			0.90	0.10	0.18	
	2nd Cross North Ch: 0.00 to 30.00	2x1	30.00			0.90	0.10	5.40	
	2nd Cross North Ch: 30.00 to 53.00	2x1	23.00			0.90	0.10	4.14	
	2nd Cross South Ch: 0.00 to 90.00	2x3	30.00			0.90	0.10	16.20	
	2nd Cross South Ch: 90.00 to 99.00	2x1	9.00			0.90	0.10	1.62	

3rd Cross North Ch: 0.00 to 29.20	2x1	29.20			0.90	0.10	5.26	
3rd Cross South Ch: 0.00 to 60.00	2x2	30.00			0.90	0.10	10.80	
d Cross South Ch: 60.00 to 89.20	2x1	29.20			0.90	0.10	5.26	
4th Cross North Ch: 0.00 to 28.30	2x1	28.30			0.90	0.10	5.09	
4th Cross South Ch: 0.00 to 60.00	2x2	30.00			0.90	0.10	10.80	
4th Cross South Ch: 60.00 to 75.00	2x1	15.00			0.90	0.10	2.70	
5th Cross North Ch: 0.00 to 24.40	2x1	24.40			0.90	0.10	4.39	
5th Cross South Ch: 0.00 to 60.00	2x2	30.00			0.90	0.10	10.80	
Road								
Main road Ch: 0.00 to 30.00	1	30.00			5.20	0.10	15.60	
Main road Ch: 30.00 to 60.00	1	30.00			5.20	0.10	15.60	
Main road Ch: 60.00 to 90.00	1	30.00			5.20	0.10	15.60	
Main road Ch: 90.00 to 120.00	1	30.00			5.20	0.10	15.60	
Main road Ch: 120.00 to 150.00	1	30.00			5.20	0.10	15.60	
Main road Ch: 150.00 to 180.00	1	30.00			5.20	0.10	15.60	
Main road Ch: 180.00 to 196.00	1	16.00			5.20	0.10	8.32	
1st Cross Ch: 0.00 to 30.00	1	30.00			5.20	0.10	15.60	
1st Cross Ch: 30.00 to 60.00	1	30.00			5.20	0.10	15.60	
1st Cross Ch: 60.00 to 90.00	1	30.00			5.20	0.10	15.60	
1st Cross Ch: 90.00 to 120.00	1	30.00			5.20	0.10	15.60	
1st Cross Ch: 120.00 to 150.00	1	30.00			5.20	0.10	15.60	
1st Cross Ch: 150.00 to 180.00	1	30.00			5.20	0.10	15.60	
1st Cross Ch: 180.00 to 181.00	1	1.00			5.20	0.10	0.52	
2nd Cross North Ch: 0.00 to 30.00	1	30.00			5.20	0.10	15.60	
2nd Cross North Ch: 30.00 to 53.00	1	23.00			5.20	0.10	11.96	
2nd Cross South Ch: 0.00 to 30.00	1	30.00			5.20	0.10	15.60	
2nd Cross South Ch: 30.00 to 60.00	1	30.00			5.20	0.10	15.60	
2nd Cross South Ch: 60.00 to 90.00	1	30.00			5.20	0.10	15.60	
2nd Cross South Ch: 90.00 to 102.40	1	12.40			5.20	0.10	6.45	
3rd Cross North Ch: 0.00 to 29.30	1	29.30			5.20	0.10	15.24	
3rd Cross South Ch: 0.00 to 30.00	1	30.00			5.20	0.10	15.60	
3rd Cross South Ch: 30.00 to 60.00	1	30.00			5.20	0.10	15.60	
3rd Cross South Ch: 60.00 to 90.10	1	30.10			5.20	0.10	15.65	
4th Cross North Ch: 0.00 to 28.50	1	28.50			5.20	0.10	14.82	
4th Cross South Ch: 0.00 to 30.00	1	30.00			5.20	0.10	15.60	
4th Cross South Ch: 30.00 to 60.00	1	30.00			5.20	0.10	15.60	
4th Cross South Ch: 60.00 to 75.00	1	15.00			5.20	0.10	7.80	
5th Cross North Ch: 0.00 to 24.40	1	24.40			5.20	0.10	12.69	
5th Cross South Ch: 0.00 to 30.00	1	30.00			5.20	0.10	15.60	
5th Cross South Ch: 30.00 to 60.00	1	30.00			5.20	0.10	15.60	
							586.96	**Cum**
					Qty Limited to		**574.75**	**Cum**

16/3

Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shettyhalli Sub Division 16.3.22

Continued.....

7	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. complete as per the specification & as per direction of Engineer-in-charge of the work							
Main road Ch: 0.00 to 30.00	1	30.00	5.30	5.20	5.25	0.200	31.50	
Main road Ch: 30.00 to 60.00	1	30.00	5.20	5.20	5.20	0.200	31.20	
Main road Ch: 60.00 to 90.00	1	30.00	5.20	5.00	5.10	0.200	30.60	
Main road Ch: 90.00 to 120.00	1	30.00	5.00	4.95	4.98	0.200	29.85	
Main road Ch: 120.00 to 150.00	1	30.00	4.95	4.90	4.93	0.200	29.55	

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ಬಾಬುಜಂಯ. ಬೆಂಗಳೂರು

Main road Ch: 150.00 to 180.00	1	30.00	4.90	5.00	4.95	0.200	29.70	
Main road Ch: 180.00 to 196.00	1	16.00	5.00	4.90	4.95	0.200	15.84	
t Cross Ch: 0.00 to 30.00	1	30.00	6.70	5.00	5.85	0.200	35.10	
1st Cross Ch: 30.00 to 60.00	1	30.00	5.00	4.90	4.95	0.200	29.70	
1st Cross Ch: 60.00 to 90.00	1	30.00	4.90	5.10	5.00	0.200	30.00	
1st Cross Ch: 90.00 to 120.00	1	30.00	5.10	5.10	5.10	0.200	30.60	
1st Cross Ch: 120.00 to 150.00	1	30.00	5.10	4.90	5.00	0.200	30.00	
1st Cross Ch: 150.00 to 180.00	1	30.00	4.90	5.00	4.95	0.200	29.70	
1st Cross Ch: 180.00 to 181.00	1	1.00	5.00	5.00	5.00	0.200	1.00	
2nd Cross North Ch: 0.00 to 30.00	1	30.00	7.00	5.40	6.20	0.200	37.20	
2nd Cross North Ch: 30.00 to 53.00	1	23.00	5.40	5.10	5.25	0.200	24.15	
2nd Cross South Ch: 0.00 to 30.00	1	30.00	5.20	4.90	5.05	0.200	30.30	
2nd Cross South Ch: 30.00 to 60.00	1	30.00	4.90	5.30	5.10	0.200	30.60	
2nd Cross South Ch: 60.00 to 90.00	1	30.00	5.30	5.30	5.30	0.200	31.80	
2nd Cross South Ch: 90.00 to 102.40	1	12.40	5.30	5.30	5.30	0.200	13.14	
3rd Cross North Ch: 0.00 to 29.30	1	29.30	7.50	5.60	6.55	0.200	38.38	
3rd Cross South Ch: 0.00 to 30.00	1	30.00	7.10	5.00	6.05	0.200	36.30	
3rd Cross South Ch: 30.00 to 60.00	1	30.00	5.00	5.10	5.05	0.200	30.30	
3rd Cross South Ch: 60.00 to 90.10	1	30.10	5.10	4.90	5.00	0.200	30.10	
4th Cross North Ch: 0.00 to 28.50	1	28.50	7.40	5.30	6.35	0.200	36.20	
4th Cross South Ch: 0.00 to 30.00	1	30.00	7.20	5.10	6.15	0.200	36.90	
4th Cross South Ch: 30.00 to 60.00	1	30.00	5.10	5.00	5.05	0.200	30.30	
4th Cross South Ch: 60.00 to 75.00	1	15.00	5.00	4.50	4.75	0.200	14.25	
5th Cross North Ch: 0.00 to 24.40	1	24.40	5.80	5.00	5.40	0.200	26.35	
5th Cross South Ch: 0.00 to 30.00	1	30.00	6.00	4.90	5.45	0.200	32.70	
5th Cross South Ch: 30.00 to 60.00	1	30.00	4.90	4.80	4.85	0.200	29.10	
6th Cross South Ch: 30.00 to 60.00	2	30.00	4.80	5.00	4.90	0.200	58.80	
							951.21	**Cum**
					Qty Limited to		**918.78**	**Cum**

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division 25.3.22

Continued.....

8	Providing and laying Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7 cum and fine aggregates @ 0.47 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008. i) Upto 5 m height. complete as per the specification & as per direction of Engineer-in-charge of the work							
	Main road 1st Cross to 2nd Cross	2	24.00			0.40	0.10	1.92
	Main road 2ndCross to 3rd Cross	2	24.00			0.40	0.10	1.92
	Main road 3rd Cross to 4th Cross	2	24.00			0.40	0.10	1.92
	Main road 4th Cross to 5th Cross	2	24.00			0.40	0.10	1.92
	Main road 5th Cross to 6th Cross	2	24.00			0.40	0.10	1.92
	Main road 6th Cross to dead end	2	24.00			0.40	0.10	1.92
	1st Cross Ch: 0.00 to 30.00 Bed Corrction	2	30.00			0.60	0.15	5.40
	1st Cross Ch: 30.00 to 60.00	2	30.00			0.60	0.15	5.40
	1st Cross Ch: 60.00 to 90.00	2	30.00			0.60	0.15	5.40
	1st Cross Ch: 90.00 to 120.00	2	30.00			0.60	0.15	5.40
	1st Cross Ch: 120.00 to 150.00	2	30.00			0.60	0.15	5.40
	1st Cross Ch: 150.00 to 180.00	2	30.00			0.60	0.15	5.40
	1st Cross Ch: 180.00 to 181.00	2	1.00			0.60	0.15	0.18
	2nd Cross North Ch: 0.00 to 30.00	2	30.00			0.45	0.10	2.70
	2nd Cross North Ch: 30.00 to 50.40	1	20.40			0.45	0.10	0.92
	2nd Cross North Ch: 30.00 to 46.50	1	16.50			0.45	0.10	0.74
	2nd Cross South Ch: 0.00 to 30.00	2	30.00			0.45	0.10	2.70
	2nd Cross South Ch: 30.00 to 60.00	2	30.00			0.45	0.10	2.70
	2nd Cross South Ch: 60.00 to 90.00	2	30.00			0.45	0.15	4.05
	2nd Cross South Ch: 90.00 to 97.00	2	7.00			0.45	0.15	0.95

rd Cross North Ch: 0.00 to 27.20	2	27.20			0.45	0.15	3.67	
rd Cross South Ch: 0.00 to 30.00	2	30.00			0.45	0.15	4.05	
d Cross South Ch: 30.00 to 60.00	2	30.00			0.45	0.15	4.05	
3rd Cross South Ch: 60.00 to 87.20	2	27.20			0.40	0.15	3.26	
4th Cross North Ch: 0.00 to 26.30	2	26.30			0.40	0.15	3.16	
4th Cross South Ch: 0.00 to 30.00	2	30.00			0.40	0.15	3.60	
4th Cross South Ch: 30.00 to 60.00	2	30.00			0.40	0.15	3.60	
4th Cross South Ch: 60.00 to 73.00	2	13.00			0.40	0.15	1.56	
5th Cross North Ch: 0.00 to 22.40	2	22.40			0.40	0.15	2.69	
5th Cross South Ch: 0.00 to 30.00	2	30.00			0.40	0.15	3.60	
5th Cross South Ch: 30.00 to 58.00	2	28.00			0.40	0.15	3.36	
6th Cross North Ch: 0.00 to 21.80	2	21.80			0.40	0.15	2.62	
6th Cross South Ch: 0.00 to 30.00	2	30.00			0.40	0.15	3.60	
6th Cross South Ch: 30.00 to 54.00	2	24.00			0.40	0.15	2.88	
2nd Cross Culvet Bed	1	8.20			0.60	0.20	0.98	
2nd Cross Culvet wall Coping	2	8.20			0.40	0.20	1.31	
3rd Cross Culvet Bed	1	8.20			0.60	0.20	0.98	
3rd Cross Culvet wall Coping	2	8.20			0.40	0.20	1.31	
4th Cross Culvet Bed	1	8.20			0.60	0.20	0.98	
4th Cross Culvet wall Coping	2	8.20			0.40	0.20	1.31	
5th Cross Culvet Bed	1	8.20			0.60	0.20	0.98	
5th Cross Culvet wall Coping	2	8.20			0.40	0.20	1.31	
6th Cross Culvet Bed	1	8.20			0.60	0.20	0.98	
6th Cross Culvet wall Coping	2	8.20			0.40	0.20	1.31	
							116.03	Cum
					Qty Limited to		115.36	Cum

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division 28.3.22

Continued.....

1	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, complete as per the specification & as per direction of Engineer-in-charge of the work							
Main road Ch: 0.00 to 30.00	1	30.00	5.30	5.20	5.25		157.50	
Main road Ch: 30.00 to 60.00	1	30.00	5.20	5.20	5.20		156.00	
Main road Ch: 60.00 to 90.00	1	30.00	5.20	5.00	5.10		153.00	
Main road Ch: 90.00 to 120.00	1	30.00	5.00	4.95	4.98		149.25	
Main road Ch: 120.00 to 150.00	1	30.00	4.95	4.90	4.93		147.75	
Main road Ch: 150.00 to 180.00	1	30.00	4.90	5.00	4.95		148.50	
Main road Ch: 180.00 to 196.00	1	16.00	5.00	4.90	4.95		79.20	
1st Cross Ch: 0.00 to 30.00	1	30.00	6.70	5.00	5.85		175.50	
1st Cross Ch: 30.00 to 60.00	1	30.00	5.00	4.90	4.95		148.50	
1st Cross Ch: 60.00 to 90.00	1	30.00	4.90	5.10	5.00		150.00	
1st Cross Ch: 90.00 to 120.00	1	30.00	5.10	5.10	5.10		153.00	
1st Cross Ch: 120.00 to 150.00	1	30.00	5.10	4.90	5.00		150.00	
1st Cross Ch: 150.00 to 180.00	1	30.00	4.90	5.00	4.95		148.50	
1st Cross Ch: 180.00 to 181.00	1	1.00	5.00	5.00	5.00		5.00	
2nd Cross North Ch: 0.00 to 30.00	1	30.00	7.00	5.40	6.20		180.00	
2nd Cross North Ch: 30.00 to 53.00	1	23.00	5.40	5.10	5.25		120.75	
2nd Cross South Ch: 0.00 to 30.00	1	30.00	5.20	4.90	5.05		151.50	
2nd Cross South Ch: 30.00 to 60.00	1	30.00	4.90	5.30	5.10		153.00	
2nd Cross South Ch: 60.00 to 90.00	1	30.00	5.30	5.30	5.30		159.00	
2nd Cross South Ch: 90.00 to 102.40	1	12.40	5.30	5.30	5.30		65.72	
3rd Cross North Ch: 0.00 to 29.30	1	29.30	7.50	5.60	6.55		191.92	
3rd Cross South Ch: 0.00 to 30.00	1	30.00	7.10	5.00	6.05		181.50	
3rd Cross South Ch: 30.00 to 60.00	1	30.00	5.00	5.10	5.05		151.50	

3rd Cross South Ch: 60.00 to 90.10	1	30.10	5.10	4.90	5.00		150.50	
4th Cross North Ch: 0.00 to 28.50	1	28.50	7.40	5.30	6.35		180.98	
4th Cross South Ch: 0.00 to 30.00	1	30.00	7.20	5.10	6.15		184.50	
4th Cross South Ch: 30.00 to 60.00	1	30.00	5.10	5.00	5.05		151.50	
4th Cross South Ch: 60.00 to 75.00	1	15.00	5.00	4.50	4.75		71.25	
5th Cross North Ch: 0.00 to 24.40	1	24.40	5.80	5.00	5.40		131.76	
5th Cross South Ch: 0.00 to 30.00	1	30.00	6.00	4.90	5.45		163.50	
5th Cross South Ch: 30.00 to 60.00	1	30.00	4.90	4.80	4.85		145.50	
							4462.07 Sqm	
					Qty Limitedto		4305.50 SQm	

Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shettyhalli Sub Division

Continued.....

12	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II Cum (50 mm to 75 mm) with 4.5 % VG-30 Bitumen complete as per the specification & as per direction of Engineer-in-charge of the work							
	Main road Ch: 0.00 to 30.00	1	30.00	5.30	5.20	5.25	0.05	7.88
	Main road Ch: 30.00 to 60.00	1	30.00	5.20	5.20	5.20	0.05	7.80
	Main road Ch: 60.00 to 90.00	1	30.00	5.20	5.00	5.10	0.05	7.65
	Main road Ch: 90.00 to 120.00	1	30.00	5.00	4.95	4.98	0.05	7.46
	Main road Ch: 120.00 to 150.00	1	30.00	4.95	4.90	4.93	0.05	7.39
	Main road Ch: 150.00 to 180.00	1	30.00	4.90	5.00	4.95	0.05	7.43
	Main road Ch: 180.00 to 196.00	1	16.00	5.00	4.90	4.95	0.05	3.96
	1st Cross Ch: 0.00 to 30.00	1	30.00	6.70	5.00	5.85	0.05	8.78
	1st Cross Ch: 30.00 to 60.00	1	30.00	5.00	4.90	4.95	0.05	7.43
	1st Cross Ch: 60.00 to 90.00	1	30.00	4.90	5.10	5.00	0.05	7.50
	1st Cross Ch: 90.00 to 120.00	1	30.00	5.10	5.10	5.10	0.05	7.65
	1st Cross Ch: 120.00 to 150.00	1	30.00	5.10	4.90	5.00	0.05	7.50
	1st Cross Ch: 150.00 to 180.00	1	30.00	4.90	5.00	4.95	0.05	7.43
	1st Cross Ch: 180.00 to 181.00	1	1.00	5.00	5.00	5.00	0.05	0.25
	2nd Cross North Ch: 0.00 to 30.00	1	30.00	7.00	5.40	6.20	0.05	9.30
	2nd Cross North Ch: 30.00 to 53.00	1	23.00	5.40	5.10	5.25	0.05	6.04
	2nd Cross South Ch: 0.00 to 30.00	1	30.00	5.20	4.90	5.05	0.05	7.58
	2nd Cross South Ch: 30.00 to 60.00	1	30.00	4.90	5.30	5.10	0.05	7.65
	2nd Cross South Ch: 60.00 to 90.00	1	30.00	5.30	5.30	5.30	0.05	7.95
	2nd Cross South Ch: 90.00 to 102.40	1	12.40	5.30	5.30	5.30	0.05	3.29
	3rd Cross North Ch: 0.00 to 29.30	1	29.30	7.50	5.60	6.55	0.05	9.60
	3rd Cross South Ch: 0.00 to 30.00	1	30.00	7.10	5.00	6.05	0.05	9.08
	3rd Cross South Ch: 30.00 to 60.00	1	30.00	5.00	5.10	5.05	0.05	7.58
	3rd Cross South Ch: 60.00 to 90.10	1	30.10	5.10	4.90	5.00	0.05	7.53
	4th Cross North Ch: 0.00 to 28.50	1	28.50	7.40	5.30	6.35	0.05	9.05
	4th Cross South Ch: 0.00 to 30.00	1	30.00	7.20	5.10	6.15	0.05	9.23
	4th Cross South Ch: 30.00 to 60.00	1	30.00	5.10	5.00	5.05	0.05	7.58
	4th Cross South Ch: 60.00 to 75.00	1	15.00	5.00	4.50	4.75	0.05	3.56
	5th Cross North Ch: 0.00 to 24.40	1	24.40	5.80	5.00	5.40	0.05	6.59
	5th Cross South Ch: 0.00 to 30.00	1	30.00	6.00	4.90	5.45	0.05	8.18
	5th Cross South Ch: 30.00 to 60.00	1	30.00	4.90	4.80	4.85	0.05	7.28
								223.10 Cum
					Qty Limitedto			215.28 Cum

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Continued.....

Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of0.60 kg / sqm using mechanical means complete as per specifications. complete as per the specification & as per direction of Engineer-in-charge of the work								
Main road Ch: 0.00 to 30.00	1	30.00	5.30	5.20	5.25		157.50	
Main road Ch: 30.00 to 60.00	1	30.00	5.20	5.20	5.20		156.00	
Main road Ch: 60.00 to 90.00	1	30.00	5.20	5.00	5.10		153.00	
Main road Ch: 90.00 to 120.00	1	30.00	5.00	4.95	4.98		149.25	
Main road Ch: 120.00 to 150.00	1	30.00	4.95	4.90	4.93		147.75	
Main road Ch: 150.00 to 180.00	1	30.00	4.90	5.00	4.95		148.50	
Main road Ch: 180.00 to 196.00	1	16.00	5.00	4.90	4.95		79.20	
1st Cross Ch: 0.00 to 30.00	1	30.00	6.70	5.00	5.85		175.50	
1st Cross Ch: 30.00 to 60.00	1	30.00	5.00	4.90	4.95		148.50	
1st Cross Ch: 60.00 to 90.00	1	30.00	4.90	5.10	5.00		150.00	
1st Cross Ch: 90.00 to 120.00	1	30.00	5.10	5.10	5.10		153.00	
1st Cross Ch: 120.00 to 150.00	1	30.00	5.10	4.90	5.00		150.00	
1st Cross Ch: 150.00 to 180.00	1	30.00	4.90	5.00	4.95		148.50	
1st Cross Ch: 180.00 to 181.00	1	1.00	5.00	5.00	5.00		5.00	
2nd Cross North Ch: 0.00 to 30.00	1	30.00	7.00	5.40	6.20		186.00	
2nd Cross North Ch: 30.00 to 53.00	1	23.00	5.40	5.10	5.25		120.75	
2nd Cross South Ch: 0.00 to 30.00	1	30.00	5.20	4.90	5.05		151.50	
2nd Cross South Ch: 30.00 to 60.00	1	30.00	4.90	5.30	5.10		153.00	
2nd Cross South Ch: 60.00 to 90.00	1	30.00	5.30	5.30	5.30		159.00	
2nd Cross South Ch: 90.00 to 102.40	1	12.40	5.30	5.30	5.30		65.72	
3rd Cross North Ch: 0.00 to 29.30	1	29.30	7.50	5.60	6.55		191.92	
3rd Cross South Ch: 0.00 to 30.00	1	30.00	7.10	5.00	6.05		181.50	
3rd Cross South Ch: 30.00 to 60.00	1	30.00	5.00	5.10	5.05		151.50	
3rd Cross South Ch: 60.00 to 90.10	1	30.10	5.10	4.90	5.00		150.50	
4th Cross North Ch: 0.00 to 28.50	1	28.50	7.40	5.30	6.35		180.98	
4th Cross South Ch: 0.00 to 30.00	1	30.00	7.20	5.10	6.15		184.50	
4th Cross South Ch: 30.00 to 60.00	1	30.00	5.10	5.00	5.05		151.50	
4th Cross South Ch: 60.00 to 75.00	1	15.00	5.00	4.50	4.75		71.25	
5th Cross North Ch: 0.00 to 24.40	1	24.40	5.80	5.00	5.40		131.76	
5th Cross South Ch: 0.00 to 30.00	1	30.00	6.00	4.90	5.45		163.50	
5th Cross South Ch: 30.00 to 60.00	1	30.00	4.90	4.80	4.85		145.50	
							4462.07	**SQm**
					Qty Limitedto		**4305.50**	**SQm**

Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shettyhalli Sub Division

Continued.....

13	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015.using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) complete as per the specification & as per direction of Engineer-in-charge of the work								
	Main road Ch: 0.00 to 30.00	1	30.00	5.30	5.20	5.25	0.04	6.30
	Main road Ch: 30.00 to 60.00	1	30.00	5.20	5.20	5.20	0.04	6.24
	Main road Ch: 60.00 to 90.00	1	30.00	5.20	5.00	5.10	0.04	6.12

Main road Ch: 90.00 to 120.00	1	30.00	5.00	4.95	4.98	0.04	5.97	
Main road Ch: 120.00 to 150.00	1	30.00	4.95	4.90	4.93	0.04	5.91	
Main road Ch: 150.00 to 180.00	1	30.00	4.90	5.00	4.95	0.04	5.94	
Main road Ch: 180.00 to 196.00	1	16.00	5.00	4.90	4.95	0.04	3.17	
1st Cross Ch: 0.00 to 30.00	1	30.00	6.70	5.00	5.85	0.04	7.02	
1st Cross Ch: 30.00 to 60.00	1	30.00	5.00	4.90	4.95	0.04	5.94	
1st Cross Ch: 60.00 to 90.00	1	30.00	4.90	5.10	5.00	0.04	6.00	
1st Cross Ch: 90.00 to 120.00	1	30.00	5.10	5.10	5.10	0.04	6.12	
1st Cross Ch: 120.00 to 150.00	1	30.00	5.10	4.90	5.00	0.04	6.00	
1st Cross Ch: 150.00 to 180.00	1	30.00	4.90	5.00	4.95	0.04	5.94	
1st Cross Ch: 180.00 to 181.00	1	1.00	5.00	5.00	5.00	0.04	0.20	
2nd Cross North Ch: 0.00 to 30.00	1	30.00	7.00	5.40	6.20	0.04	7.44	
2nd Cross North Ch: 30.00 to 53.00	1	23.00	5.40	5.10	5.25	0.04	4.83	
2nd Cross South Ch: 0.00 to 30.00	1	30.00	5.20	4.90	5.05	0.04	6.06	
2nd Cross South Ch: 30.00 to 60.00	1	30.00	4.90	5.30	5.10	0.04	6.12	
2nd Cross South Ch: 60.00 to 90.00	1	30.00	5.30	5.30	5.30	0.04	6.36	
2nd Cross South Ch: 90.00 to 102.40	1	12.40	5.30	5.30	5.30	0.04	2.63	
3rd Cross North Ch: 0.00 to 29.30	1	29.30	7.50	5.60	6.55	0.04	7.68	
3rd Cross South Ch: 0.00 to 30.00	1	30.00	7.10	5.00	6.05	0.04	7.26	
3rd Cross South Ch: 30.00 to 60.00	1	30.00	5.00	5.10	5.05	0.04	6.06	
3rd Cross South Ch: 60.00 to 90.10	1	30.10	5.10	4.90	5.00	0.04	6.02	
4th Cross North Ch: 0.00 to 28.50	1	28.50	7.40	5.30	6.35	0.04	7.24	
4th Cross South Ch: 0.00 to 30.00	1	30.00	7.20	5.10	6.15	0.04	7.38	
4th Cross South Ch: 30.00 to 60.00	1	30.00	5.10	5.00	5.05	0.04	6.06	
4th Cross South Ch: 60.00 to 75.00	1	15.00	5.00	4.50	4.75	0.04	2.85	
5th Cross North Ch: 0.00 to 24.40	1	24.40	5.80	5.00	5.40	0.04	5.27	
5th Cross South Ch: 0.00 to 30.00	1	30.00	6.00	4.90	5.45	0.04	6.54	
5th Cross South Ch: 30.00 to 60.00	1	30.00	4.90	4.80	4.85	0.04	5.82	
							178.48	Cum
					Qty Limitedto		172.22	Cum

Assistant Engineer
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Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/Concrete Surface: Providing and laying of hot applied thermoplasticcompound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per the specification & as per direction of Engineer-in-charge of the work								
Main road Ch: 0.00 to 30.00	2.5	30.00			0.10		7.50	
Main road Ch: 30.00 to 60.00	2.5	30.00			0.10		7.50	
Main road Ch: 60.00 to 90.00	2.5	30.00			0.10		7.50	
Main road Ch: 90.00 to 120.00	2.5	30.00			0.10		7.50	
Main road Ch: 120.00 to 150.00	2.5	30.00			0.10		7.50	
Main road Ch: 150.00 to 180.00	2.5	16.00			0.10		4.00	
Main road Ch: 180.00 to 196.00	2.5	30.00			0.10		7.50	
1st Cross Ch: 0.00 to 30.00	2.5	30.00			0.10		7.50	
1st Cross Ch: 30.00 to 60.00	2.5	30.00			0.10		7.50	
1st Cross Ch: 60.00 to 90.00	2.5	30.00			0.10		7.50	
1st Cross Ch: 90.00 to 120.00	2.5	30.00			0.10		7.50	
1st Cross Ch: 120.00 to 150.00	2.5	30.00			0.10		7.50	
1st Cross Ch: 150.00 to 180.00	2.5	1.00			0.10		0.25	
1st Cross Ch: 180.00 to 181.00	2.5	30.00			0.10		7.50	
2nd Cross North Ch: 0.00 to 30.00	2.5	23.00			0.10		5.75	
2nd Cross North Ch: 30.00 to 53.00	2.5	30.00			0.10		7.50	
2nd Cross South Ch: 0.00 to 30.00	2.5	30.00			0.10		7.50	
2nd Cross South Ch: 30.00 to 60.00								

d Cross South Ch: 60.00 to 90.00	2.5	30.00			0.10		7.50	
d Cross South Ch: 90.00 to 102.40	2.5	12.40			0.10		3.10	
d Cross North Ch: 0.00 to 29.30	2.5	29.30			0.10		7.33	
rd Cross South Ch: 0.00 to 30.00	2.5	30.00			0.10		7.50	
rd Cross South Ch: 30.00 to 60.00	2.5	30.00			0.10		7.50	
3rd Cross South Ch: 60.00 to 90.10	2.5	30.10			0.10		7.53	
4th Cross North Ch: 0.00 to 28.50	2.5	28.50			0.10		7.13	
4th Cross South Ch: 0.00 to 30.00	2.5	30.00			0.10		7.50	
4th Cross South Ch: 30.00 to 60.00	2.5	30.00			0.10		7.50	
4th Cross South Ch: 60.00 to 75.00	2.5	15.00			0.10		3.75	
5th Cross North Ch: 0.00 to 24.40	2.5	24.40			0.10		6.10	
5th Cross South Ch: 0.00 to 30.00	2.5	30.00			0.10		7.50	
5th Cross South Ch: 30.00 to 60.00	2.5	30.00			0.10		7.50	
							209.93	Sqm
					Qty Limitedto		180.25	Sqm

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division